

| Ref # | Hits | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------|------------------|---------|------------------|
| L39   | 5    | (substrate work adj piece workpiece target semiconductor wafer) near10 (block\$3 deflect\$3 shield\$3 shutter\$3 protect\$3) near5 (plasma discharge) and (plasma discharge) near10 (diffus\$4 spread\$4)  | USOCR                  | OR               | ON      | 2005/08/21 11:57 |
| L34   | 562  | 29 and (substrate work adj piece workpiece target semiconductor wafer) with (block\$3 deflect\$3 shield\$3 shutter\$3 protect\$3) with (plasma discharge) and (plasma discharge) with (diffus\$4 spread\$4)  | US-PGPUB; USPAT        | OR               | ON      | 2005/08/21 11:56 |
| L38   | 40   | ("0898346"   "2378476"   "3294669"   "3369989"   "3604970"   "3625848"   "3678889"   "3691053"   "3709809"   "3736175"   "3783231"   "3793179"   "4094764"   "4197175"   "4222838"   "4333962"   "4361114"   "4410407"   "4448799"   "4466872"   "4511593"   "4511594"   "4556471"   "4622452"   "4681773"   "4724058"   "4801839"   "4828872"   "4856457"   "4959242"   "5100526").PN. OR ("5656091").URPN. | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/08/21 11:48 |
| L37   | 19   | ("4511593").URPN.  | USPAT                  | OR               | ON      | 2005/08/21 11:45 |
| L36   | 9    | ("2378476"   "3625848"   "3677924"   "3900585"   "4094764"   "4279216"   "4351855").PN.  | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/08/21 11:45 |
| L35   | 413  | 34 not 30 not 19 not 17 not 15   | US-PGPUB; USPAT        | OR               | ON      | 2005/08/21 11:40 |
| L33   | 3225 | 29 and (substrate work adj piece workpiece target semiconductor wafer) with (block\$3 deflect\$3 shield\$3 shutter\$3 protect\$3) with (plasma discharge)  | US-PGPUB; USPAT        | OR               | ON      | 2005/08/21 11:40 |
| L31   | 439  | 30 not 19 not 17 not 15  | US-PGPUB; USPAT        | OR               | ON      | 2005/08/21 11:40 |
| L30   | 549  | 29 and (substrate work adj piece workpiece target semiconductor wafer) with (block\$3 deflect\$3 shield\$3 shutter\$3 protect\$3) with (ground\$3 earth)   | US-PGPUB; USPAT        | OR               | ON      | 2005/08/21 11:39 |

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| L32 | 5      | ("3640812"   "3784458"   "5178739"   "5382339"   "6051113").PN. OR ("6444103").URPN.  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2005/08/21 11:35 |
| L18 | 838    | 17 not 15   | US-PGPUB; USPAT                                    | OR | ON  | 2005/08/21 11:28 |
| S78 | 35427  | S74 and plasma.ti,ab,clm.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/08/21 11:26 |
| L29 | 76660  | L28 and plasma  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/08/21 11:26 |
| L28 | 633838 | (("118") or ("156") or ("216") or ("438") or ("427") or ("315")).CLAS.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/21 11:26 |
| L11 | 180    | (substrate work adj piece workpiece target semiconductor wafer) near10 ((far opposite) near2 (side face)) near10 (electrode anode cathode) and (plasma discharge) | EPO; JPO; DERWENT; IBM_TDB                         | OR | ON  | 2005/08/21 11:25 |
| L27 | 34     | ("3718572"   "3956093"   "4060470"   "4094761").PN. OR ("4324631").URPN.  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2005/08/21 11:03 |
| L26 | 28     | ("4361472"   "4401546"   "4422896"   "4434038"   "4448653"   "4461688"   "4601806"   "4606802").PN. OR ("4673482").URPN.  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2005/08/21 10:56 |
| L25 | 22     | ("3835007"   "3941692"   "3945903"   "4342632"   "4597828"   "4647361"   "4702941").PN. OR ("4964962").URPN.  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2005/08/21 10:53 |
| L24 | 5      | ("5417798"   "6006694"   "6026764"   "6170431"   "6173674").PN.   | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2005/08/21 10:43 |
| L23 | 1      | ("6521081")   | USPAT  | OR | ON  | 2005/08/21 10:43 |
| L20 | 667    | 19 not 18   | US-PGPUB; USPAT                                    | OR | ON  | 2005/08/21 10:30 |

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| L19 | 729  | (substrate work adj piece workpiece target semiconductor wafer) with (shutter shield) with (electrode anode cathode) same (plasma discharge)   | US-PGPUB; USPAT            | OR | ON | 2005/08/21 10:30 |
| L17 | 883  | (substrate work adj piece workpiece target semiconductor wafer) with (outside behind) with (electrode anode cathode) same (plasma discharge)   | US-PGPUB; USPAT            | OR | ON | 2005/08/21 10:29 |
| L1  | 510  | (substrate work adj piece workpiece target semiconductor wafer) near3 (outside) near3 (electrode anode cathode)  | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:58 |
| L16 | 44   | ("3762941"   "4012307"   "4430547"   "4705593"   "4708766"   "4749440"   "4857382"   "4921157"   "5000819"   "5045166"   "5120568"   "5126164"   "5147520"   "5178682"   "5201995"   "5225659"   "5240559"   "5290378"   "5292370"   "5316739"   "5340618"   "5368685"   "5384167"   "5391855"   "5399830"   "5407121"   "5449432"   "5499754"   "5597438").PN. OR ("5753886").URPN. | US-PGPUB; USPAT; USOCR     | OR | ON | 2005/08/21 09:53 |
| L15 | 398  | (substrate work adj piece workpiece target semiconductor wafer) with ((far opposite) near2 (side face)) with (electrode anode cathode) same (plasma discharge)   | US-PGPUB; USPAT            | OR | ON | 2005/08/21 09:48 |
| L13 | 2230 | (substrate work adj piece workpiece target semiconductor wafer) near10 ((far opposite) near2 (side face)) near10 (electrode anode cathode) and (plasma discharge)  | US-PGPUB; USPAT            | OR | ON | 2005/08/21 09:48 |
| L12 | 178  | 11 not 8 not 1 not 2 not 4   | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:41 |
| L9  | 271  | 8 not 1 not 2 not 4  | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:41 |
| L8  | 367  | (substrate work adj piece workpiece target semiconductor wafer) near10 (outside) near10 (electrode anode cathode) and (plasma discharge)   | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:40 |

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|-------|--------|--|----------------------------|----|----|------------------|
| L10   | 1      | 1987-317249.NRAN.  | DERWENT                    | OR | ON | 2005/08/21 09:35 |
| L7    | 1845   | (substrate work adj piece workpiece target semiconductor wafer) and (outside) and (electrode anode cathode) and (plasma discharge) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:31 |
| S15 2 | 13606  | (substrate work adj piece workpiece target semiconductor wafer) and (outside) and (electrode anode cathode)                        | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:30 |
| S15 5 | 314    | (substrate work adj piece workpiece target semiconductor wafer) near2 (outside) near3 (electrode anode cathode)                    | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:22 |
| L6    | 332    | 3 5  | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:22 |
| L5    | 136    | L4 not L1 not L2   | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:22 |
| L4    | 459    | (substrate work adj piece workpiece target semiconductor wafer) near2 (outside) near5 (electrode anode cathode)                    | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:22 |
| L3    | 196    | L1 not L2  | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:22 |
| L2    | 314    | (substrate work adj piece workpiece target semiconductor wafer) near2 (outside) near3 (electrode anode cathode)                    | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 09:22 |
| S15 6 | 459    | (substrate work adj piece workpiece target semiconductor wafer) near2 (outside) near5 (electrode anode cathode)                    | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/19 19:53 |
| S15 4 | 510    | (substrate work adj piece workpiece target semiconductor wafer) near3 (outside) near3 (electrode anode cathode)                    | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/19 19:53 |
| S15 3 | 708    | (substrate work adj piece workpiece target semiconductor wafer) near3 (outside) near5 (electrode anode cathode)                    | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/19 19:53 |
| S15 1 | 121016 | (substrate work adj piece workpiece target semiconductor wafer) and (outside) and (electrode anode cathode)                        | US-PGPUB; USPAT            | OR | ON | 2005/08/19 19:53 |

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|----------|-------|---|---|----|-----|------------------|
| S14<br>7 | 8470  | (substrate work adj piece workpiece target semiconductor wafer) with (outside) with (electrode anode cathode)   | US-PGPUB;<br>USPAT  | OR | ON  | 2005/08/19 19:53 |
| S15<br>0 | 0     | ("2005/0061444").URPN.  | USPAT   | OR | ON  | 2005/08/19 19:50 |
| S14<br>9 | 43    | ("4597844").URPN.   | USPAT   | OR | ON  | 2005/08/19 19:32 |
| S14<br>8 | 765   | S147 and plasma.ti,ab,clm.  | US-PGPUB;<br>USPAT  | OR | ON  | 2005/08/19 19:30 |
| S14<br>5 | 13383 | (substrate work adj piece workpiece target semiconductor wafer) with (outside) with (electrode anode cathode)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/19 19:29 |
| S14<br>4 | 48119 | (substrate work adj piece workpiece target semiconductor wafer) with (outside opposite) with (electrode anode cathode)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/19 19:29 |
| S18      | 104   | (156/345.54).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/19 19:27 |
| S14<br>3 | 4     | ("5698328"   "5993919").PN. OR ("6200652").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/08/19 17:38 |
| S14<br>2 | 27    | ("4070264"   "4223048"  <br>"4289598"   "4492716"  <br>"4633809"   "4633811"  <br>"4643952"   "4676195"  <br>"4735633"   "4950376").PN. OR<br>("5039376").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/08/19 17:35 |
| S14<br>1 | 3     | ((("5039376") or ("6200652") or<br>("6852195"))).PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2005/08/19 17:34 |
| S13<br>9 | 3     | ((("4581118") or ("5891311") or<br>("6200431"))).PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2005/08/19 17:34 |
| S14<br>0 | 2     | JP-62027562-\$..did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/19 17:16 |
| S13<br>6 | 1     | ("4581118").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/18 20:38 |